



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,730	11/11/2003	Jin Yang	10	7257

7590 03/03/2006

Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030

EXAMINER

DUONG, FRANK

ART UNIT	PAPER NUMBER
----------	--------------

2666

DATE MAILED: 03/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/706,730

Applicant(s)

YANG, JIN

Examiner

Frank Duong

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 17 and 18 is/are allowed.
- 6) ☒ Claim(s) 19-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/979,812.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is a response to communications dated 11/11/03. Claims 16-21 are pending in the application.

Specification

2. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code (*page 2, lines 1-12 and 30*). Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

Claim Objections

3. Claim 21 is objected to because of the following informalities: Line 2, "Made" should read --Mode--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 19-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Le (USP

Art Unit: 2666

6,466,585).

Regarding **claim 19**, in accordance with Le reference entirety, Le discloses a second method of compressing and decompressing headers (see *description at col. 8, line 22 continues to col. 9, line 50*) for a packet switching network (Fig. 3) comprises:

removing combined RTP/UDP/IP headers and placing data in RLC/MAC payload (*the removing of RTP/UDP/IP headers is discussed at col. 9, lines 4-7 and thereafter and lower layer function 66 discussed at col. 9, lines 9-4 is equated to corresponding to placing data in RLC/MAC since the environment of the instant patent is a CDMA or TDMA communication system operable to communicate multimedia information between multimedia stations (col. 5, lines 16-19)*); and

decompressing received packets by use of an internal clock (*local clock*) to obtain a timestamp value, and increasing the sequence number by 1 (*increments monotonically and linearly in time*) for consecutive packets (*col. 9, lines 29-32, it is discussed the converter 116 is able to derive the running values of the RTP time stamp and sequence numbers merely by maintaining a local clock that increments monotonically and linearly in time*).

Regarding **claim 20**, in addition to features recited in base claim 19 (see rationales discussed above), Le further discloses the network is a frame relay network (*col. 6, line 25 and thereafter, an example of infrastructure 34 is an IP network is given. A broad term for an IP network is a packet switched network corresponding to frame relay network, ATM network, etc...*).

Regarding **claim 21**, in addition to features recited in base claim 19 (see rationales discussed above), Le further discloses the network is a Asynchronous Transmission Mode network (*col. 6, line 25 and thereafter, an example of infrastructure 34 is an IP network is given. A broad term for an IP network is a packet switched network corresponding to frame relay network, ATM network, etc...*).

Allowable Subject Matter

5. Claims 17-18 are allowed.
6. The following is a statement of reasons for the indication of allowable subject matter:
The prior art of record to include Le patent used in the rejection above and the Petrack et al discussed in the background of the instant application, does suggest the use of local clock to compress or derive the timestamp and sequence number fields in an RTP packet. However, there are no specific details of how to practice or suggest the implementation of the suggested idea.

Thus, the prior art of record, considered individually or in combination, fails to fairly show or suggest the claimed invention, comprising, among other things, novel and unobvious limitation of *"providing in each compressed header a cyclically-reset timeclick-number representing the sampling time of the packet payload; increasing the timeclick-number by 1 for each sample duration time, counting the reset cycles, and from the count of reset cycles and a received timeclick-number, providing a sequence number and timestamp for providing a decompressed header"*, structurally and functionally interconnected in a manner as recited in claims 17-18.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Casner et al, Compressing IP/UDP/RTP Headers for Low-Speed Serial Links, RFC 2508, pages 1-24, February 1999.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frank Duong whose telephone number is 571-272-3164. The examiner can normally be reached on 7:00AM-3:30PM, Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi H. Pham can be reached on 571-272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**FRANK DUONG
PRIMARY EXAMINER**

February 28, 2006